

DATA ANALYTICS, CERTIFICATE OF SPECIALIZATION

Not Financial Aid Eligible
Banner Code: 3_CE_DATA

The Certificate of Specialization in Data Analytics will provide students with a foundation in the fields of data analytics and business intelligence. The program is designed to prepare students for entry-level jobs, such as Business Analytics Specialist, Data Analyst, Data Visualization Developer, Operations Research Assistant, and Market Research Assistant. Topics covered will include an introduction to data analytics, statistics, SQL queries and data views, and data visualizations.

Program Level Student Learning Outcomes

Upon completion of this program, students will be able to:

1. Apply the methods, techniques, and tools relevant to data analytics.
2. Solve organizational problems by applying the methods, techniques, and tools relevant to systems analysis and design.
3. Demonstrate predictive analytics techniques to common business scenarios.

Certificate Graduation Requirements

A Certificate is awarded upon completion of the required coursework with a grade of C or higher in each course. A grade of P (Pass) is acceptable, however, the student must meet an overall GPA requirement of 2.0 to receive the certificate. To receive the certificate, a student must file a petition for graduation during their final semester prior to the application deadline as noted on the Coastline Graduation webpage (<https://www.coastline.edu/student-life/graduation.php>).

Certificate of Specialization

- 50 percent of the certificate program's units must be completed at Coastline.

Course	Title	Units
Required Courses		
CIS C240 or CST C157	SQL Database Development	3
CIS C250	Introduction to Data Analytics	3
CIS C280	Data Visualization	3
Total Units		9